Title (en)
PACKET ANALYSIS PROGRAM, PACKET ANALYSIS METHOD, AND PACKET ANALYSIS DEVICE

Title (de)
PAKETANALYSEPROGRAMM, PAKETANALYSEVERFAHREN UND PAKETANALYSEVORRICHTUNG

Title (fr)
PROGRAMME, PROCÉDÉ ET DISPOSITIF D'ANALYSE DE PAQUETS

Publication
EP 3767891 A1 20210120 (EN)

Application
EP 20182229 A 20200625

Priority
JP 2019131130 A 20190716

Abstract (en)
The process includes acquiring, from a relay device that relays a packet between a first communication device and a second communication device, a plurality of first delay times generated by a round trip of the packet between the first communication device and the relay device, and a plurality of second delay times generated by a round trip of the packet between the second communication device and the relay device, sorting separately the plurality of first delay times and the plurality of second delay times based on a length of a delay time, and calculating device delay times based on a first delay calculation that calculates a difference between each of the plurality of first delay times and each of the plurality of second delay times in a same rank after the sorting.

IPC 8 full level
H04L 12/26 (2006.01); H04L 12/24 (2006.01); H04L 29/06 (2006.01)

CPC (source: CN EP US)
H04L 1/1685 (2013.01 - US); H04L 43/0864 (2013.01 - EP US); H04L 43/087 (2013.01 - EP); H04L 43/14 (2013.01 - EP); H04L 63/02 (2013.01 - CN); H04L 63/0227 (2013.01 - CN EP); H04L 63/1408 (2013.01 - EP US); H04L 63/1466 (2013.01 - US); H04L 41/142 (2013.01 - EP); H04L 41/145 (2013.01 - EP); H04L 43/0852 (2013.01 - EP); H04L 43/16 (2013.01 - EP); H04L 63/108 (2013.01 - EP)

Citation (applicant)
• JP 2015076780 A 20150420 - NOMURA RES INST LTD
• JP 2014179938 A 20140925 - NTT COMM CORP

Citation (search report)
• [I] US 2012163191 A1 20120628 - TOKIMIZU DAISHI [JP], et al
• [A] US 2015023189 A1 20150122 - OKADA SUMIYO [JP], et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3767891 A1 20210120; EP 3767891 B1 20230906; CN 112242992 A 20210119; CN 112242992 B 20230606; JP 2021016133 A 20210212; JP 7323782 B2 20230809; US 11595284 B2 20230228; US 2021021502 A1 20210121

DOCDB simple family (application)
EP 20182229 A 20200625; CN 202010662541 A 20200710; JP 2019131130 A 20190716; US 202016909326 A 20200623